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TECH CENTER 1600/2900

1644

P#8

P.6

ENTERED

```
        RAW SEQUENCE LISTING              DATE: 06/11/2002
        PATENT APPLICATION:  US/09/688,017   TIME: 14:58:18

        Input Set : A:\-11-1.app
        Output Set: N:\CRF3\06112002\I688017.raw

 4 <110> APPLICANT: Lu, Peter S.
 5         Rabinowitz, Joshua D.
 6         Schweizer, Johannes
 7         Arbor Vita Corporation
 9 <120> TITLE OF INVENTION: Molecular Interactions in Hematopoietic
10         Cells
12 <130> FILE REFERENCE: 020054-001110US
14 <140> CURRENT APPLICATION NUMBER: US 09/688,017
15 <141> CURRENT FILING DATE: 2000-10-13
17 <150> PRIOR APPLICATION NUMBER: US 60/134,114
18 <151> PRIOR FILING DATE: 1999-05-14
20 <150> PRIOR APPLICATION NUMBER: US 60/134,117
21 <151> PRIOR FILING DATE: 1999-05-14
23 <150> PRIOR APPLICATION NUMBER: US 60/134,118
24 <151> PRIOR FILING DATE: 1999-05-14
26 <150> PRIOR APPLICATION NUMBER: US 60/160,860
27 <151> PRIOR FILING DATE: 1999-10-21
29 <150> PRIOR APPLICATION NUMBER: US 60/162,498
30 <151> PRIOR FILING DATE: 1999-10-29
32 <150> PRIOR APPLICATION NUMBER: US 60/170,453
33 <151> PRIOR FILING DATE: 1999-12-13
35 <150> PRIOR APPLICATION NUMBER: US 60/176,195
36 <151> PRIOR FILING DATE: 2000-01-14
38 <150> PRIOR APPLICATION NUMBER: US 60/182,296
39 <151> PRIOR FILING DATE: 2000-02-14
41 <150> PRIOR APPLICATION NUMBER: US 60/196,267
42 <151> PRIOR FILING DATE: 2000-04-11
44 <150> PRIOR APPLICATION NUMBER: US 60/196,460
45 <151> PRIOR FILING DATE: 2000-04-11
47 <150> PRIOR APPLICATION NUMBER: US 60/196,527
48 <151> PRIOR FILING DATE: 2000-04-11
50 <150> PRIOR APPLICATION NUMBER: US 60/196,528
51 <151> PRIOR FILING DATE: 2000-04-11
53 <160> NUMBER OF SEQ ID NOS: 383
55 <170> SOFTWARE: FastSEQ for Windows Version 3.0
57 <210> SEQ ID NO: 1
58 <211> LENGTH: 5
59 <212> TYPE: PRT
60 <213> ORGANISM: Artificial Sequence
62 <220> FEATURE:
63 <223> OTHER INFORMATION: flexible polylinker
65 <400> SEQUENCE: 1
66  Gly Gly Gly Gly Ser
```

C--> (at line 15)

RAW SEQUENCE LISTING   DATE: 06/11/2002
PATENT APPLICATION: US/09/688,017   TIME: 14:58:18

Input Set : A:\-11-1.app
Output Set: N:\CRF3\06112002\I688017.raw

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67   1               5
69 <210> SEQ ID NO: 2
70 <211> LENGTH: 14
71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: linker
77 <400> SEQUENCE: 2
78  Glu Gly Lys Ser Ser Gly Ser Gly Ser Glu Ser Lys Val Asp
79   1               5                   10
81 <210> SEQ ID NO: 3
82 <211> LENGTH: 18
83 <212> TYPE: PRT
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: linker
89 <400> SEQUENCE: 3
90  Lys Glu Ser Gly Ser Val Ser Ser Glu Gln Leu Ala Gln Phe Arg Ser
91   1               5                   10                  15
92  Leu Asp
95 <210> SEQ ID NO: 4
96 <211> LENGTH: 4
97 <212> TYPE: PRT
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
102        core sequence of CD3
104 <400> SEQUENCE: 4
105  Ser Ser Gln Leu
106    1
108 <210> SEQ ID NO: 5
109 <211> LENGTH: 5
110 <212> TYPE: PRT
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
115        sequence of CD3
117 <400> SEQUENCE: 5
118  Ser Ser Ser Gln Leu
119    1               5
121 <210> SEQ ID NO: 6
122 <211> LENGTH: 6
123 <212> TYPE: PRT
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
128        sequence of CD3
130 <400> SEQUENCE: 6
131  Ser Ser Ser Ser Gln Leu
```

RAW SEQUENCE LISTING   DATE: 06/11/2002
PATENT APPLICATION: US/09/688,017   TIME: 14:58:18

Input Set : A:\-11-1.app
Output Set: N:\CRF3\06112002\I688017.raw

```
132   1              5
134 <210> SEQ ID NO: 7
135 <211> LENGTH: 7
136 <212> TYPE: PRT
137 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
141       sequence of CD3
143 <400> SEQUENCE: 7
144   Pro Ser Ser Ser Ser Gln Leu
145   1              5
147 <210> SEQ ID NO: 8
148 <211> LENGTH: 8
149 <212> TYPE: PRT
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
154       sequence of CD3
156 <400> SEQUENCE: 8
157   Pro Pro Ser Ser Ser Ser Gln Leu
158   1              5
160 <210> SEQ ID NO: 9
161 <211> LENGTH: 4
162 <212> TYPE: PRT
163 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
167       core sequence of CD4
169 <400> SEQUENCE: 9
170   Cys Ser Pro Ile
171   1
173 <210> SEQ ID NO: 10
174 <211> LENGTH: 5
175 <212> TYPE: PRT
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
180       sequence of CD4
182 <400> SEQUENCE: 10
183   Thr Cys Ser Pro Ile
184   1              5
186 <210> SEQ ID NO: 11
187 <211> LENGTH: 6
188 <212> TYPE: PRT
189 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
193       sequence of CD4
195 <400> SEQUENCE: 11
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196  Lys Thr Cys Ser Pro Ile
197   1               5
199 <210> SEQ ID NO: 12
200 <211> LENGTH: 7
201 <212> TYPE: PRT
202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
206       sequence of CD4
208 <400> SEQUENCE: 12
209  Gln Lys Thr Cys Ser Pro Ile
210   1               5
212 <210> SEQ ID NO: 13
213 <211> LENGTH: 8
214 <212> TYPE: PRT
215 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
219       sequence of CD4
221 <400> SEQUENCE: 13
222  Phe Gln Lys Thr Cys Ser Pro Ile
223   1               5
225 <210> SEQ ID NO: 14
226 <211> LENGTH: 4
227 <212> TYPE: PRT
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
232       core sequence of CD6
234 <400> SEQUENCE: 14
235  Ile Ser Ala Ala
236   1
238 <210> SEQ ID NO: 15
239 <211> LENGTH: 5
240 <212> TYPE: PRT
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
245       sequence of CD6
247 <400> SEQUENCE: 15
248  Asp Ile Ser Ala Ala
249   1               5
251 <210> SEQ ID NO: 16
252 <211> LENGTH: 6
253 <212> TYPE: PRT
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
258       sequence of CD6
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260 <400> SEQUENCE: 16
261  Asp Asp Ile Ser Ala Ala
262   1                 5
264 <210> SEQ ID NO: 17
265 <211> LENGTH: 7
266 <212> TYPE: PRT
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
271       sequence of CD6
273 <400> SEQUENCE: 17
274  Tyr Asp Asp Ile Ser Ala Ala
275   1                 5
277 <210> SEQ ID NO: 18
278 <211> LENGTH: 8
279 <212> TYPE: PRT
280 <213> ORGANISM: Artificial Sequence
282 <220> FEATURE:
283 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
284       sequence of CD6
286 <400> SEQUENCE: 18
287  Asp Tyr Asp Asp Ile Ser Ala Ala
288   1                 5
290 <210> SEQ ID NO: 19
291 <211> LENGTH: 4
292 <212> TYPE: PRT
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
297       core sequence of CD38
299 <400> SEQUENCE: 19
300  Thr Ser Glu Ile
301   1
303 <210> SEQ ID NO: 20
304 <211> LENGTH: 5
305 <212> TYPE: PRT
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
309 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
310       sequence of CD38
312 <400> SEQUENCE: 20
313  Cys Thr Ser Glu Ile
314   1                 5
316 <210> SEQ ID NO: 21
317 <211> LENGTH: 6
318 <212> TYPE: PRT
319 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: PL motif, PDZ domain binding motif, C-terminal
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 06/11/2002
PATENT APPLICATION: US/09/688,017   TIME: 14:58:19

Input Set : A:\-11-1.app
Output Set: N:\CRF3\06112002\I688017.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:290; Xaa Pos. 1